

## DECLARATION AND PETITION

As a below named inventors, We hereby declare that:

Our residence, post office address and citizenship are as stated below next to our names.

We believe We are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled "METHOD AND APPARATUS TO IDENTIFY SMALL VARIATIONS OF BIOCHEMICALS," the specification of which is attached hereto.

We hereby state that We have reviewed and understand the contents of the above identified specification, including the claims.

We acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 C.F.R. § 1.56(a).

We hereby claim foreign priority benefits under 35 U.S.C. § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application of which priority is claimed.

### PRIOR FOREIGN APPLICATION(S)

Number	Country	Filing Date	Priority Claimed?
NONE			

### PRIOR UNITED STATES APPLICATION(S)

We hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. § 112, We acknowledge the duty to disclose material information as defined in 37 C.F.R. § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	Status
60/258,893	December 28, 2000	Provisional

We hereby declare: All statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true. These statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Wherefore We pray that Letters Patent be granted to us for the invention or discovery described and claimed in the foregoing specification and claims, and We hereby subscribe our names to the foregoing specification and claims, declaration, power of attorney, and this petition.

Full name of first inventor: **Gerald E. Loeb**

Inventor's signature Gerald E. Loeb Date Dec. 6, 2001

Residence: South Pasadena, California

Citizenship: United States of America

Post Office Address 1642 Camino Lindo, South Pasadena, CA 91030

ALL INFORMATION CONTAINED  
HEREIN IS UNCLASSIFIED

PATENT

**Matter No.:** 20441-13

**Applicant:** Gerald E. Loeb

**Title:** METHOD AND APPARATUS TO IDENTIFY SMALL VARIATIONS OF BIOCHEMICALS

**Serial No.:** Not known (filed herewith)

**Filed:** December 18, 2001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Patent Application  
Commissioner of Patents  
U.S. Patent and Trademark Office  
P.O. Box 2327  
Arlington, VA 22202

**POWER OF ATTORNEY**

Sir:

The Alfred E. Mann Institute for Biomedical Engineering at the University of Southern California, having become the owner of all rights to this application by virtue of an Assignment executed by the inventor concurrently with the execution of the application, the Assignment being submitted with this power of attorney for recording, appoints:

Berman, C., Reg. 29249

Bobys, M.P., Reg. 45,267

Bosworth, M.K., Reg. 28,186

Bovasso, L.J., Reg. 24,075

Boyce, J., Reg. 40,920

Brown, M.E., Reg. 28,590

Burton, D.L., Reg. 45,323

Canter, B., Reg. 34,792

Chen, A., Reg. P48,508

Chou, C., Reg. 41,672

Coleman, B.R., Reg. 39,145

Cullman, L.C., Reg. 39,645

Darrow, C., Reg. 30,166

Diepenbrock III, A.B., Reg. 39,960

Edwards, W.G., Reg. 44,426

Farber, M., Reg. 32,612

Guernsey, L.B., Reg. 40,008

Guillot, R.O., Reg. 28,852

Hamrick, C.A.S., Reg. 22,586

Hansen, S.R., Reg. 38,486

Harris, M.D., Reg. 26,690

Hayden, R.D., Reg. 42,645

Heyninck, M., Reg. 44,763

Hickman, P.L., Reg. 28,516

Hilberg, C.R., Reg. P48,740

Howell, S.M., Reg. 45,929

Hughes, M.J., Reg. 29,077

Inskeep, J.W., Reg. 33,910

Jastram, H.D., Reg. 19,777

Kelley, S.S., Reg. 43,449

Kennedy, B., Reg. 33,407

Khan, T., Reg. 46,273

Kudla, J.P., Reg. P47,724

Larson, D.N., Reg. 29,401

Lazaris, S.J., Reg. 45,981

Lervick, C.J., Reg. 35,244

Lieske, S.C., Reg. 47,749

MacLean, K.A., Reg. 31,118

McKinley, D., Reg. 42,867

McRoss, L., Reg. 40,427

Morton, C.A., Reg. 44,954

Nader, R., Reg. P47,260

Roberts, R.E., Reg. 38,597

Rose, A.C., Reg. 17,047

Rosenberg, C., Reg. 31,464

Sherry, L., Reg. 43,918

Smith, G.P., Reg. 20,142

Swienton, B., Reg. P49,050

Wood, G.B., Reg. 28,133

whose address is:

**OPPENHEIMER WOLFF & DONNELLY LLP**

2029 Century Park East, 38th Floor

Los Angeles, California 90067

Telephone (310) 788-5000

Fax (310) 788-5100

**Attn: Charles Berman**

Direct Telephone: (310) 788-5098

their attorneys to prosecute this application and to transact in connection with the application all business in the Patent and Trademark Office and before competent International Authorities including the World Intellectual Property Organization.

To the best of my knowledge and belief, title is in the assignee identified above. I am empowered to act on behalf of the assignee.

I declare that all statements made in this document of my own knowledge are true, and that all statements made on information and belief are believed to be true. I make these statements with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001, and that such willful false statements may jeopardize the validity of the application or any patent issuing from the application.

**Alfred E. Mann Institute for Biomedical  
Engineering at the University of Southern  
California**

Date: Dec. 7, 2001

By

  
W. Dean Baker  
Chief Operating Officer